

XP-002115290

1/1 - (C) WPI / DERWENT  
AN - 77-82339Y c46!  
PR - JP740044546 740422  
TI - Catalyst for hardening a mixt. of epoxy resin and  
isocyanates - comprises titanium or zirconium cpd.  
IW - CATALYST HARDEN MIXTURE EPOXY RESIN COMPRISE TITANIUM  
ZIRCONIUM COMPOUND  
PA - (HITA ) HITACHI LTD  
PN - JP52042432B B 771024 DW7746 000pp  
- JP50138097 A 751104 DW7746 000pp  
ORD - 1975-11-04  
IC - B01J31/38 ; C08G18/22  
FS - CPI  
DC - A21 A25 A60 E12  
AB - J77042432 The IVA-th group metal org. cpds. (1) titanic  
acid esters or zirconic acid esters, (2) Ti or Zr  
chelates of beta-diketones, ketoesters, amino  
alcohols., glycols, diamines, dioxims, amino acids, or  
oxy acids, and (3) Ti acylates or Zr acylates are used  
as the hardening catalyst.  
- In an example a mixt. of 100 pts. DER-332 (epoxy resin,  
Dow Chemical) and 214 pts. diphenylmethanediisocyanate  
was mixed with 2.43 pts. Ti (iso-Pr)<sub>4</sub> and hardened for  
2 and 10 hr. resp. at 150 and 225 degrees to give a  
specimen contg. isocyanurate and oxazolidone ring.